

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/038808

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C02F3/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, COMPENDEX, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DIAZ MARIA PIEDAD ET AL: "Isolation and characterization of novel hydrocarbon-degrading euryhaline consortia from crude oil and mangrove sediments" MARINE BIOTECHNOLOGY (NEW YORK), vol. 2, no. 6, November 2000 (2000-11), pages 522-532, XP002321748 ISSN: 1436-2228 page 524, right-hand column	1-13
X	US 6 214 607 B1 (LOGAN BRUCE E)	14-26
Y	10 April 2001 (2001-04-10)	
Y	column 8, line 10 - column 10, line 35	27-30
Y	US 6 066 257 A (VENKATESH ET AL)	27-30
	23 May 2000 (2000-05-23)	
	column 3 - column 5; claims 1-10; figure 1	
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the International filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

21 March 2005

Date of mailing of the International search report

07/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Glod, G

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/038808

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claims No.
A	XU JIANLIN ET AL: "Microbial degradation of perchlorate: Principles and applications." ENVIRONMENTAL ENGINEERING SCIENCE, vol. 20, no. 5, September 2003 (2003-09), pages 405-422, XP002321749 ISSN: 1092-8758 page 415, paragraph R - page 416, last paragraph -----	1-30
A	OKEKE BENEDICT C ET AL: "Reduction of perchlorate and nitrate by salt tolerant bacteria" ENVIRONMENTAL POLLUTION, vol. 118, no. 3, 2002, pages 357-363, XP002321750 ISSN: 0269-7491 cited in the application page 358, right-hand column - page 359, right-hand column -----	1-30

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/038808

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6214607	B1	10-04-2001	NONE
US 6066257	A	23-05-2000	FR 2782076 A1 11-02-2000 GB 2340113 A , B 16-02-2000